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To Make America More Beautiful and Fruitful

AMERICAN NURSERYMAN

AMERICAN NURSERY TRADE BULLETIN

Chief Exponent of the American Nursery Trade

Vol. LIII No. 1

JANUARY 1, 1931

Per Copy 20c



*Wishing you
one and all
a Prosperous
and Happy
New Year!*

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Covering the Trade

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Published Semi-monthly, on 1st and 15th
Goes every month into every state in the Union

THIS SIZE SPACE
\$1.40 Per Issue
Under Yearly Term \$1.25

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American Nurseryman Directory of American Plant Propagators

Listing Nursery Concerns Which Specialize in Production of Young Stock
Including That Which Has Heretofore Been Imported

The American Plant Propagators' Association, Organized in 1919, Will Hold Its Thirteenth Annual Meeting in Detroit, Mich., July, 1931—H. L. Haupt, Secretary, Hatboro, Pa.

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and largest stock of lining out stock in
the United States.

Write for prices or call and see our
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Growers of
EVERGREENS
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GOOD ASSORTMENT
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Chief Exponent of the Trade

★ DIRECTOR RUBIO

One of
12

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Introduced in U. S. A. by
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Robert Pyle, Pres. West Grove, Pa.
• Details in New Spring List

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Variety	Grade	100	1000
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Norway Spruce, 8-12" S.....	\$2.00	\$15.00
Norway Spruce, 4-6" T.....	3.00	20.00
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Black Hills Spruce, 3-6" S...	3.00	20.00
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journal which covers the trade
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plans and in their trans-
actions.

In Defense of Federal Plant Quarantine

The Federal plant quarantine act of 1912 is not a mere "authorization, granted by Congress to the U. S. Department of Agriculture, to enforce certain regulations under that act." Speaking before the sixty-third annual convention of California Fruit Growers and Farmers at Los Angeles last month, Lee A. Strong, chief of the Plant Quarantine and Control Administration, emphasized that although "the Secretary of Agriculture is, of necessity, given certain discretion in the placing of regulations, the Plant Quarantine Act is, in fact, a mandate issued by Congress to the Secretary of Agriculture. Responsibility is placed upon the department which can not be evaded, and which there is no intention of evading."

Quoting from the law, Mr. Strong emphasized that under given conditions the Secretary is not only "authorized" but "authorized and directed" to impose quarantines. The importation of plant material which the Secretary has reason to believe is dangerous "is hereby prohibited" according to the law, said Mr. Strong. Quarantines are set up not only at the borders of the United States, but the Secretary is similarly "authorized and directed" to quarantine any State, Territory or district of the United States or any portion thereof when he shall determine that such quarantine is necessary to prevent the spread of a dangerous plant disease or insect infestation, new to or not theretofore widely prevalent."

Mr. Strong said that when Congress passed the plant quarantine act it had no doubt that the act would impose certain hardships in some cases, but that these were the price necessary for general benefit. He

said some critics were obviously concerned with personal interests and consequently "disregarded the welfare of the country." He pointed out that critics were laboring under the mistaken idea that the quarantine activities have not been effective in excluding pests, and that the European corn borer, the Japanese beetle, the gypsy moth, the chestnut blight, the white pine blister rust, the alfalfa weevil, and other pests now prevalent have invaded the country in spite of the quarantine. This is not true, he emphasized. These pests arrived in the country before the plant quarantine act was passed in 1912. They were here in advance, but had not multiplied and extended their range to become important economically until after the act came into effect. With reference to this Mr. Strong says, "It is notable, however, that except for the drift of the Mexican fruit fly and the pink bollworm of cotton across the Mexican border, no major insect pest is known to have arrived in the United States between the passage of the plant quarantine act—almost twenty years ago—and the arrival of the Mediterranean fruit fly, which was discovered in 1929."

Mr. Strong scouted the idea that it would be wise to "learn to live with" these pests. This view, he said, is held only by those who have nothing at stake which can be injured by such pests.

In closing, Mr. Strong summarized his talk as follows: "The Federal Government believes in the policy of prevention of entry and spread of pests. Of course, it is the will of the department, and its constant effort, to carry on this work with the minimum of inconvenience to the public. That it is the

will of Congress that the work be done has been indicated by the legislation which has been passed. That Congress proposes that the work be continued is evidenced by the support, financial and otherwise, given by Congress to the work. If further evidence on this point were needed, it would be found in the defeat of every effort made by selfish interests to weaken the plant quarantine act. In no such instance has Congress even waited to learn anew the wishes of the great mass of farmers, fruit-growers, Nurserymen, plant lovers, and others of the country, by far the great majority of whom are sincerely desirous of continuing the effort to prevent the entry of injurious plant pests."

Max Pfaender, Sioux Falls, S. D., representing South Dakota Nurserymen's Association last month attended a meeting in Brookings of members of farm and business organizations at which resolutions favoring legislation which will qualify South Dakota to receive benefits of the Clark-McNary law, providing for distribution of trees to farmers at low cost, were adopted. This legislation would provide trees for South Dakota farmers for windbreaks and farm wood lots at a cost barely sufficient to cover the handling, packing and overhead charges.

If South Dakota wishes to take advantage of the Clark-McNary law an appropriation of \$2,000 will be required for each year of the next biennium, to be matched by federal funds.

Among those present who spoke in favor of the proposition were Lloyd A. Moffett, president of the Nebraska State Nurserymen's Association; and George Marshall, Nurseryman, Arlington, Neb.

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We are now ready to book your Seedling orders for

APPLE—Straight or Branched
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Large quantities, all varieties, attractive prices, one and two year. This is well grown stock for the discriminating buyer. Samples and prices gladly submitted upon request.

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All Sizes

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Newer and better varieties are now available in quantities for natural ponds and garden pools. Plants are first-quality, grown in our own pond (no collected plants offered). Spring price list sent on request.

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Shubunkins, Fantails, Nymphs, Veiltails, and Common Goldfish, are also listed in our spring pricelist.

OUR PRICELIST MAILED FREE
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Unit with Seven Hundred Representative Nurserymen throughout the country to protect your interests and advance your business. Only Nurserymen of high ideals are eligible to membership.

Vice-President—E. C. Hilborn, Valley City, N. D.

AMERICAN NURSERYMAN — January 1, 1931

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce engravings relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimens Trees and Plants, Portraits of Individuals, etc. Engravings will be made from photographs at cost.

Advertising—Last forms close (semi-monthly) on the 10th and 25th of each month. If proofs are wanted, copy should be on hand one week earlier.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the cariot operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN," published semi-monthly, on 1st and 15th, will be sent to any address in the United States for \$3.50 a year; to Canada or abroad for \$6.00 a year. Single copies of current volume, 25c; of previous volumes, 25c.

RALPH T. OLcott
Editor, Manager.

WHAT THIS MAGAZINE STANDS FOR—Close chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FAIR-PLAY—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammeled in its absolutely independent position and rates the welfare of the Nursery Trade above every other consideration.

NEUTRAL—This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and International in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American Industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

AMERICAN FRUITS PUBLISHING COMPANY, INC.

30 State Street,
Rochester, N. Y.

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Announcing...

BAY STATE NURSERIES, INCORPORATED

A Consolidation of—

BAY STATE NURSERIES

Windsor H. Wyman—Donald D. Wyman
North Abington, Mass.

WYMAN'S FRAMINGHAM NURSERIES

Richard M. Wyman
Framingham, Mass.

Members of the nursery trade will be interested to learn that this is primarily a consolidation of the nursery interests of Windsor H. Wyman and his sons, Donald D. Wyman and Richard M. Wyman.

Ownership and management will be the same as in the past. There will be no deviation from the sound policies on which the businesses of both nurseries have been built to their present size.

The entire assets of the two concerns, land, fields of choice nursery stock in unusual variety, buildings, greenhouses and modern equipment are now combined in Bay State Nurseries, Incorporated.

The consolidation enables us to give an even better service than in the past. In filling orders, the best materials from both places will be selected. If you are not on our mailing list, write us and you will receive a spring price list.

Sales offices and show grounds will be maintained at both North Abington and Framingham as in the past and correspondence may be addressed to either office as you may prefer or find more convenient.

THE BAY STATE NURSERIES, INCORPORATED
900 Adams St., North Abington, Mass.

SPRING-1931

We offer a general line of hardy
Northern Grown Nursery Stock

A few Specials in Carload lots

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APPLE—2 & 3 year

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HONEYSUCKLE BUSH in variety—3/4-4/5-5/6

ELM AMERICAN—up to 2½ inches

ELM AMERICAN (Budded)—up to 2½ inches

ELM MOLINE—up to 2½ inches

These American Elm budded and Moline have been given extra space in the row and were transplanted four years ago. A fine select lot of trees perfectly straight.

NORWAY MAPLE—up to 1½ inch

SOFT MAPLE—up to 3½ inches

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BRIDGEPORT, INDIANA

Established 1875

LARGEST NURSERY IN INDIANA

NELSON BOGUE NURSERY FARM

This well known property, business originally established by Nelson Bogue and James Bogue in 1872 and for many years successfully conducted by Nelson Bogue, located on improved concrete highway two miles north of Batavia city line, will be offered for sale

AT PUBLIC AUCTION

at the law office of Edward A. Washburn, First National Bank Building, city of Batavia, New York, on

SATURDAY, JANUARY 31, 1931

11 o'clock A. M.

Property consists of 96 acres of good land, underdrained, large quantity of growing nursery stock in the ground, large dwelling, one double and three single tenant houses, gambrel roof barn 40 by 120, other barns, nursery buildings, large hen house, sheds, etc. Immediate possession.

Terms, 10% cash on sale, balance on February 20th, 1931.

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JAMES BUNTING, Guardian, Medina, N. Y.

EDWARD A. WASHBURN, Attorney,
First National Bank Building, Batavia, N. Y.

AMERICAN NURSERYMAN

[Reg. U. S. Pat. Off.]

**The Chief Exponent of the American Nursery Trade
National Journal of Commercial Horticulture**

Entered September 6, 1916, at Rochester, N. Y., Post Office as second-class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES—BYRON

Vol. LIII

ROCHESTER, N. Y., JANUARY 1, 1931

No. 1

Nebraska Plan of Reforestation Is Indorsed

In Expressions by Prominent Concerns in the Trade—Spirit of Cooperation the Fine Thing About It—Other States Should Follow

Editor American Nurseryman:

We like very much the "Nebraska Plan." The spirit of cooperation is the fine thing about it, resulting in all parties interested, and especially those commercially involved, working out their plan together, in friendly fashion.

Not every State has the same conditions. Ohio's is different, with its immense area of Forest Reserve, in connection with which they need great supplies of seedlings for reforestation of State, rather than personal, property. Hence what the state distributes to individuals, from its own propagation beds, is comparatively small. But a much more effective and happy way of handling this distribution than the present one, with misunderstandings occasionally arising, would undoubtedly be worked out if State authorities and the Ohio Nurserymen's Association worked it out together, as Nebraska men have so sensibly and fairly handled their situation.

You will render a very notable service to States, their Foresters, the general public and Nurserymen if you can help secure some such basis of cooperation in other states as Nebraska's.

BERRYHILL NURSERY CO.

A. G. Bookwalter, President
Springfield, O.

Editor American Nurseryman:

You are doing a good piece of work in bringing "the Nebraska Plan in Farm Forestry" to the attention of the Nursery trade. I have been quite familiar with the working of this plan in Nebraska for some ten years past. Nebraska is to be congratulated on having, both in the Forestry Department and among the Nurserymen, men who can get together and work out such a sane common sense program.

I believe the Nurserymen in other states would welcome a similar plan; and, with the right kind of effort it could, in most states at least, be brought about. We are doing it in Illinois, and do not anticipate any trouble at all. We can never get anywhere by making faces and throwing stones back and forth. If we show a spirit and willingness to help and do more than our part to correct the conditions, if necessary, there will be time enough to throw stones when we have exhausted our best efforts in a friendly way.

A. M. AUGUSTINE

Normal, Ill.

Editor American Nurseryman:

We have reprint of the article on the "Nebraska Plan." We read this with considerable interest at the time it appeared and should think it was a reasonable arrangement for Nebraska.

Here in the east we have been raising forest Nursery stock consisting almost wholly of evergreens; and, therefore, from our point of view, it seems that such a plan could well be extended to include them as well as broadleaf species.

We do not say this merely from a selfish standpoint, but because we cannot see why the general public, including ourselves, should help support, through taxes, work which could perfectly well be done by private agencies. In our opinion (and we were connected with state work some twenty years ago) the favorable cost showing reported by state officials everywhere is very apt to be inaccurate, due to the possibility of the easy transfer by bookkeeping of funds from one appropriation to another and the neglect of one of the greatest items of expense; i. e., overhead.

Under overhead we refer to office rentals, land and income taxes, and salaries of officials, some of which do not exist at all so far as the state is concerned and some of which are charged to funds other than reforestation (salaries, for example, which usually come out of the department's general appropriation). Of course it is highly erroneous to suppose that such items are thereby eliminated—they are simply paid by the general tax levy, to which all Nurserymen are obliged to contribute.

We see no reason why the state should go into the business of raising trees, particularly for public sale or general distribution (aside from planting on state land) until it has proven impossible to secure them at reasonable prices from private Nurseries.

We do not think it fair for some frequently inexperienced individual to arbitrarily fix a price for stock lower than the figure experience has shown to be reasonable, pay the difference out of the taxpayers' pockets, and then say that the state has to raise trees because it cannot get them anywhere else. This is being done right along and we do not see why the argument does not apply to all kinds of trees—evergreen, broadleaf, or any other—whether they are used for forest or ornamental purposes.

This is the business procedure adopted

in any other line, and the argument that forestry is a longtime proposition fails to refute it so far as we can see.

FRANKLIN FORESTRY COMPANY,
Harry F. Gould, Treasurer
Boston, Mass.

Editor American Nurseryman:

I was very pleased to receive a copy of the Nebraska plan in regard to cooperation between the Nurserymen and the state forester, and feel that we are very much indebted to the Nebraska Nurserymen and State Forester Watkins for a workable solution to the State Nursery problem. It shows that some of the leading Nurserymen of Nebraska have spent lots of time and thought on this plan.

I am taking up the plan with State Forester George R. Phillips, and hope to have it working in the near future. It should go far toward strengthening our state organization and will also help the members to cooperate in other matters.

I hope the other states will be able to work out a similar plan.

J. FRANK SNEED,
President Oklahoma State
Nurserymen's Association

Muskogee, Okla.

Editor American Nurseryman:

Referring to your reprint of article on page 223 of the December 1st issue of the *American Nurseryman*, entitled "The Nebraska Plan in Farm Forestry," I wish to state that I believe this to be a very sane, practical plan for handling the reforestation problem and the problem of state-owned Nurseries.

This plan places the work of growing seedlings in the hands of the Nurserymen who should be the competent and logical people to do this work. Further, this plan puts these tree seedlings in the hands of the public at the price of cost plus a small profit, and eliminates the competition between state-owned Nurseries and privately-owned Nursery companies which are both producing items of this kind.

I believe that, if the American Nurserymen would get behind this plan or some similar plan, every state could be induced to adopt this plan of handling the reforestation, and enough plants would be distributed to take care of this reforestation problem.

At any rate, I wish to commend the stand
(Continued on Page 16)

A Novel and Strikingly Effective Spirea

The Snowgarland Introduced by Northwest Nursery Company—Origin and Characteristics—Valuable the Year Around for foundation, Hedge or Border

By E. C. Hilborn, General Manager Northwest Nursery Co., Valley City, N. D.

Editor Olcott has asked me to write about one of my pet plants. No energy was lost in deciding that the outstanding pet of my garden as well as of our Nursery is the Snowgarland Spirea. I am still wondering how a plant which to me is among the most beautiful of all I know has been overlooked by the Nurserymen of America. I have yet to find it in one of our Nurseries except those who have gotten from our stocks. Neither have I found it in any gardens.

The Snowgarland came to us by accident. In the spring of 1918 we received a shipment of plants from Grootendorst, Holland, labeled *Spirea arguta*. We recognized that they looked different from the *arguta* which we knew. After spending due time in the Nursery these plants found their way into various cities of our state, a large number in our home city and in the stock hedge row in the Nursery. It wasn't many seasons before their striking and unusual beauty attracted attention. A letter came from Grootendorst in answer to our queries about this stock, told us that these plants were being shipped from their country to England as *Spirea arguta*. There is, however, very little resemblance between the well known *arguta*, sometimes called Garland Spirea, and the plants which we received. I am not partial to the *arguta* although I realize it has a place.

I recall shortly after we received these plants that D. M. Mitchell, Owatonna, Minn., noted them in our warehouse. He was curious; they were different from anything he had received before. He was sent some plants for trial which he placed in the foundation planting of his home. Two seasons after, he reported that they were one of the most striking plants in his city in the early spring and he at once began their propagation. Shortly afterward John Nordine, Lake City, was similarly impressed. He, one of the finest plantsmen of America, had never seen this shrub. He also received stocks and began their propagation.

What are the qualities that make this plant such a favorite with me? Briefly, they are these: The Snowgarland is one of the earliest flowering plants, coming out with the wild plums and *Prunus triloba* in



SNOWGARLAND SPIREA—Early profuse flowering in arching plumes in advance of foliage; in mass planting simulating banks of pure white snow. D. M. Mitchell and John Nordine much impressed. Originating in grounds of Northwest Nursery Co., Valley City, N. D. Favorite of E. C. Hilborn.

advance of the foliage. The blooms are borne on upright stems usually in complete plumes often arching under their heavy load. As the bloom is very profuse the name Snowgarland is indeed most appropriate, for they do become a veritable bank of snow, snow-white flowers of the very purest and most attractive white.

In the summer of 1929 I recognized some of these plants in the Arnold Arboretum but have not seen them elsewhere. Coming as they do in the very early spring they fill an important place. We have learned to secure most striking effects in our foundation or group planting by grouping these about a plant of *Prunus triloba* which flowers at the same time. The rich rose pink of the flowering plum surrounded by the bank of snowlike foliage produces indeed a beautiful flowering effect. So striking was it this past spring in our own city that we had more inquiries and more direct sales from this one plant than from any other plant we grow. People phoned and called at the office to inquire the name of that beautiful shrub.

Fortunately, the Snowgarland is one of

those plants that is valuable throughout the year. It is semi-dwarf in habit slightly larger than *Spirea thunbergii*. The texture of the foliage is exceedingly fine and attractive. When the frosts come it turns to moderate autumn colors showing somewhat more color than the well-known *vanhouttei*. It is especially satisfying in that it does not drop its leaves early; these hang on well into the winter. As I write this on December 10 there is still a liberal amount of leaves hanging tight to the Snowgarland spirea in my own yard here in North Dakota. For that reason it is an especially valuable plant in either foundation, hedge or border. But when the leaves are finally gone its fine graceful branches make it the most attractive of all my deciduous shrubs. In a practical way it has been valuable for the following reason: It is ideal to plant in front of *Spirea vanhouttei*. In the early spring it bursts into full bloom that remains for a period of three weeks. As its flowers begin to fade the bloom seems to pass to the Bridal wreath, thus giving six weeks of the much desired spirea bloom.

The Snowgarland spirea lends itself well to informal planting either in foundation or border. But there is a certain dignity about the shrub combined with a gracefulness and refinement that makes it very useful in formal plantings or in hedges. (See hedge at filling station). I am inclosing pictures, one taken from a photo in my home grounds in the early spring; another shows the young plant in the Nursery row.

The Spirea family is a generous one and has added a great deal to our gardens. Undoubtedly, the *Spirea vanhouttei* heads the list, but I am convinced that in due time the second place will be held by *multiflora arguta*, the Snowgarland. To know it is to like it.

Nursery Property Auction—The property connected with the Nursery business established near Batavia, N. Y., in 1872 by Nelson and James Bogue will be sold at auction Jan. 31 in Batavia, 96 acres and buildings.



SNOWGARLAND SPIREA—As a hedge. Novel plant originating with Northwest Nursery Co., Valley City, N. D.

Topics of Vital Interest In Every Day Work

Will Engage the Attention of Hundreds of Nurserymen from Various Sections at the Illinois Association Convention This Month in Chicago

Herewith is the completed program for the Illinois State Nurserymen's Association convention to be held at Hotel Sherman, Chicago, Jan. 14-16. Considerable thought and effort have been put on the arrangement of this program so as to have it cover topics that are of vital interest to Nurserymen in their every day work. It will pay all Nurserymen to set aside sufficient time to attend this three-day meeting. Those coming from out of the state should make their hotel reservations now to insure their being well taken care of. Usually during January the hotels are more or less crowded so they should not fail to get their reservations in early.

A special feature of the Illinois State Nurserymen's Association convention is the matter of exhibits which have been growing each year in number. Ample space will be provided to take care of all exhibitors this year in one large room adjoining the convention hall.

Perhaps in no other way is it possible to bring to the attention of so many buyers at so little a cost samples of one's product. Get in touch at once with Ernest Kruse, c/o Wheeling Nurseries, Wheeling, Ill., who is chairman of the Exhibit Committee. There is a nominal charge for exhibit space which he will be glad to explain to all those interested.

A luncheon will be held on Thursday noon, the second day, for which a suitable speaker will be provided, and dignified entertainment.

On the third day a joint meeting will be held with the garden clubs of Illinois. Mrs. Elizabeth Leonard Strang, Groton, Mass., will give an illustrated lecture on "Landscape Design for the Small Home, Also Rock Gardens." This is a feature which has attracted a great deal of attention and favorable comment from the garden clubs all over the country, as well as various trade organizations. Mrs. Elizabeth Leonard Strang is a practical and up to date authority on gardening.

N. E. AVERILL

Dundee, Ill.

Illinois Association Program

Fifteenth annual convention of the Illinois State Nurserymen's Association, January 14-16th, headquarters Hotel Sherman, Chicago.

[In addition to first day features announced

—A. N. Dec. 15, P. 242]

3:00 p. m.—Address: "Market Development," C. E. Cary, Educational Director, Davenport, Ia.

3:30 p. m.—Address: "Cooperation Between Conservation Department and Illinois Nurserymen," Lewis B. Springer, Conservation Department, Springfield, Ill.

4:00 p. m.—Address: "Better Service for Illinois Nurserymen," Phil. S. Haner, Division of Plant Industry, Springfield, Ill.

SECOND DAY—Thursday, January 15

12:00 m.—Luncheon. Purchase tickets from members Luncheon Committee.

2:00 p. m.—Address: "Treatment and Control of Insect and Plant Diseases, Particularly Red Spider," Prof. Harry F. Dietz, University of Ohio, Columbus, O.

3:00 p. m.—Address: "Horticultural Observations in the British Isles," Prof. A. S. Colby, University of Illinois, Urbana, Ill.

4:00 p. m.—Address: "Elm Wilt," Prof.

Participants in Illinois Association Program



Walter W. Hillenmeyer Prof. A. S. Colby Clarence Siebenthaler L. R. Tehon



Sketches of Speakers Other Than Nurserymen

PROF. A. S. COLBY—Born on a New Hampshire fruit and dairy farm. Bachelor's degree from University of New Hampshire in agriculture. Taught agriculture in a New Hampshire high school two years. Then came to the University of Illinois where a Ph. D. degree in botany was received in 1919. Specialized in small fruit growing, especially variety testing, pruning, and training, and disease control, as well as the breeding of improved varieties of raspberries and gooseberries, with special reference to disease resistance, and has charge of teaching and investigational work in small fruits, grapes, and nuts at the University of Illinois.

PROF. L. R. TEHON—L. R. Tehon, A. B., M. A., has been, for the past ten years, botanist of the Illinois State Natural History Survey. Before joining the staff of the Natural History Survey, where he has charge of the Botanical Section, he served as instructor in botany and plant pathology in the Arsenal Technical School of Indianapolis and the University of Illinois, as a plant pathologist with the United States Department of Agriculture, and in the army laboratory service during the world war.

As a specialist in plant diseases, he has sponsored and directed important investigations of diseases of orchard trees and cereal crops in Illinois; and alone or jointly with his assistants, he is the author of numerous technical and popular treatises on plant diseases. He is also the co-author of a book on the Native and Naturalized Trees of Illinois.

MRS. ELIZABETH LEONARD STRANG—Mrs. Strang is one of the fifteen women members of the American Society of Landscape Architects among something over two hundred men. She received her B. S. in Agriculture in 1910 at Cornell, which by the way, is famous for its school of this sort. This preliminary training was supplemented by a year of study in New York, and London, and by several years of apprenticeship in the offices of various landscape architects near Boston. She is a member of the teaching staff of the Lowthorpe School of Landscape Architecture for Women, at Groton, Mass., and has lectured from time to time at the Cambridge School of Landscape and Domestic Architecture. She has now a permanent department in House Beautiful

L. R. Tehon, Botanist, University of Illinois, Urbana, Ill.

THIRD DAY—Friday, January 16
1:30 p. m.—Illustrated Lecture: "Landscape Design for the Small Home, also Rock Gardens," Mrs. Elizabeth Leonard Strang, Lowthorpe School of Landscape Architecture for Women, Groton, Mass.

EXHIBITS

Ernest Kruse, Chairman, c/o Wheeling Nurseries, Wheeling, Ill.

This educational feature is one of the main attractions. Plan to have an exhibit of your product this year. A nominal charge is made for the exhibit space. For

Magazine for the discussion of various planting items. For two winters, she was one of the speakers in a course of garden lectures sponsored by the Woman's City Club of Boston. Last winter she was again asked to contribute to a series of talks given by the Massachusetts Federation of Garden Clubs. This winter at the request of an enthusiastic group of garden club women, she is conducting a course of twelve lectures and field demonstrations in practical horticulture. This, while a new departure entered upon reluctantly, has been received with such enthusiasm that its repetition has been requested in other localities. She also gives many talks to garden and women's clubs, so that she comes not only as a practical and up to date authority on gardening, but also as a well-poised speaker.

PROF. HARRY F. DIETZ—1914—Graduated Butler College, Indianapolis.

1914-16—Deputy State Entomologist of Indiana.

1916—Ohio State University Graduate Work.

1916-20—Entomological Inspector for the Federal Horticultural Board and Bureau of Entomology of the U. S. Department of Agriculture. One year of this time was spent in Canal Zone (Panama).

1920-29—Assistant State Entomologist, Department of Conservation of Indiana.

1929-30—Research Fellow in Entomology, Crop Protection Institute.

1930—M. A. Degree, Ohio State University.

Most of the time in Indiana was devoted to Nursery and Greenhouse Inspection work. It was in the course of this work that he became conversant with the insect and disease problems that confront the Nurserymen in the Middle West. For nine years, prior to June 1929, he was assistant state entomologist of Indiana. During this period he was in constant, close touch with Nurserymen and their problems since his work was the special field of insects attacking ornamental plants, both out of doors and under glass.

Since coming to Ohio in June 1929 he has been engaged in the investigation of certain kinds of spray materials that might prove useful in plant louse and red spider and mite control.

a small cash outlay you will be able to bring your product to the attention of more prospective buyers than in any other way. The exhibits will all be in one large room adjoining the meeting room.

No Southern Association Meeting—No meeting of the Southern Nurserymen's Association is to be held this month. At the 1930 annual meeting it was suggested that a mid-winter meeting be held, but this was not acted upon.

AMERICAN NURSERYMAN, Chief Exponent, twice a month \$2.50 per year. Three years, \$6. Canada, abroad, 50c extra per year.

AMERICAN NURSERYMAN

American Nursery Trade Bulletin



CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

Absolutely independent.

OFFICIAL JOURNAL

PACIFIC COAST ASSOCIATION OF NURSERYMEN
Largest District Organization in the Trade
ILLINOIS STATE NURSERYMEN'S ASSOCIATION
Leading State Nursery Trade Organization

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Advertisements should reach this office by the 10th and 25th of the month previous to the date of publication.

ROCHESTER, N. Y., JANUARY 1, 1931

FOUNDER OF AMERICAN NURSERY TRADE JOURNALISM

THE FIRST Nursery trade paper in America was established in 1893, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of Ralph T. Olcott, of Rochester, N. Y., who later founded the AMERICAN NURSERYMAN on broad and untrammelled lines.

"The dean of Nursery Trade Journalists."—John Watson.

A Policy Roundly Echoed

"Cultivated Americans, impatient with cheap sensationalism and windy bias, turn increasingly to publications edited in the historical spirit. These publications, fair-dealing, vigorously impartial, devote themselves to the public weal in the sense that they report what they see, serve no masters, fear no groups."—Time Magazine.

Sound Distribution

"Distribution has been much stressed, perhaps correctly, by executives, organizations and business analysts as the present main problem of industry. Nevertheless, I am of the opinion that there can be no sound distribution that is not based on sound production."

"To find and serve a market is to presuppose a capacity to produce economically, wastelessly. Buyers have a way of seeking out the producer who best serves them at the factory."—Charles Ault, Auburn, Me.

BOUGHT ON MERIT

The circulation of the "American Nurseryman" is bought by readers solely on editorial merit. It is never sold through schemes. Cut rates, "clubbing," premiums and deferred payments are not used. It carries no subscription in arrears.

The Mirror of the Trade

A PASSING OPPORTUNITY

Marked interest has been manifested by the trade in the clear exposition by the state forester of Nebraska of the manner in which the authorities of that state are cooperating with commercial Nurserymen in reforestation, as presented in the Dec. 1 issue of the *American Nurseryman*.

Outstanding is the spirit of cooperation manifested throughout State Forester Clayton W. Watkins' article; and it is this spirit of cooperation which must actuate officials in other states if the interests of commercial Nurserymen are to be favorably considered.

We have been surprised by lack of interest and action on the part of Nursery trade associations. Such interest as has been manifested has been largely by individuals. In several instances within a year an association member has stressed the importance of the subject at a convention with the result that reference to a committee has been secured, but definite association action resulting in anything like the "Nebraska Plan" is yet to be recorded.

Thirteen conventions of Nursery trade associations are scheduled for January, but programs which have come to hand do not feature this subject about which prominent concerns in the trade speak with great interest.

Much complaint has been made from time to time regarding unfair competition on the part of state forestry authorities; yet when Nurserymen in one state have accomplished much in the way of practical cooperation with the authorities, there is prospect that other state associations and even the national association will confine convention consideration to other topics.

Some Nurserymen have expressed opinion that a fight should be made in Washington for what the trade desires in the matter. When it is realized what such action would mean in the way of time and expense and prodigious effort, the desire will be to exhaust every other means first. Criticism of expense incurred in procuring the passage of the Plant Patent Bill—an effort of herculean proportions even when the wind was in a fair quarter—would be likely to be quadrupled if an attempt were to be made to buck something that is a particular pet of some congressmen.

Meantime State Nurseries are being expanded and duplicated and a practice of comparatively recent origin is becoming more and more fixed.

CHRISTMAS TREES THAT REPEAT

Residents of Richmond, Va., were advised last month by the Southside Nurseries, Centralia, Va., that live spruce Christmas trees, fresh from the Nursery, superior to native trees, balled and burlaped were available. It was suggested that the tree be planted in a lard or butter tub procured from a grocery store, and that the tree be planted or used for porch ornament for repeated use at Christmas time.

In some portions of the country, at least, competition with handlers of native trees is too great for the Nurseryman who would attempt to substitute live Christmas trees for subsequent planting. As long ago as 1908 J. H. Hofert moved from St. Paul, Minn., where he was in the transportation

business, to Los Angeles, Cal., where he established what has become probably the largest business in cut Christmas trees in the country, certainly on the Pacific Coast. It is said that Mr. Hofert handles 1,000,000 of the 1,200,000 Christmas trees distributed from Los Angeles. Shipments to the Hawaiian Islands, China, the Philippines, Bermuda, South America and Panama are valued at \$50,000. Large shipments are made to Florida, New Orleans, New York, Chicago and St. Louis. It is difficult to estimate the total of evergreens made into wreaths and ropes.

STATE NURSERIES FORGING AHEAD

New York State's enlarged reforestation program calls for planting of forests on 1,000,000 acres of abandoned farm lands in the next 15 years. In Nebraska a considerable part of this planting would consist of stock supplied by commercial Nurserymen. In 1930 the state purchased 40,000 acres for planting.

The reforestation program, the most extensive ever undertaken by a state, provides for expenditure of \$20,000,000 over the 15-year period and is expected to add \$50,000,000 to the wealth of the state.

In the absence of any cooperative arrangement with the commercial Nurseries of New York State, such as Nebraska Nurserymen have effected [A. N. Dec. 1, p 223] two new State Nurseries have recently been established.

Walter C. Black, Hightstown, N. J., is designated to inherit his father's interest in the Nursery business known as Jos. H. Black & Son Company, under the terms of the latter's will. The father, Joseph H. Black, died December 4. At one time, he was county collector and had served upon the Board of Freeholders. In addition, the son is reserved the right to use 40 acres of land adjoining the dwelling as long as he conducts the business and pays such rental as the executor decides is proper. Another clause assigns the property known as Brookwood Farm to the son, if he pays \$450 a year to his sister for its use.

COMING EVENTS

Jan. 6-8—Northern Retail Nurserymen's Association, Hotel Nicollet, Minneapolis, Minn.

Jan. 8-9—New York Nurserymen's Association, Seneca Hotel, Rochester.

Jan. 8-9—South Dakota Nurserymen's Association, Mitchell.

Jan.—Tennessee Nurserymen's Association, Nashville.

Jan. 13 (Date tentative)—Massachusetts Nurserymen's Association, Boston.

Jan. 14, Connecticut Nurserymen's Association, Hotel Bond, Hartford.

Jan. 14—Oklahoma Nurserymen's Association, Hutchins Hotel, Oklahoma City.

Jan. 14-16—Illinois Nurserymen's Association, Hotel Sherman, Chicago.

Jan. 27-28—New England Nurserymen's Association, Hotel Statler, Boston.

Jan. 27-29—Western Association of Nurserymen, Hotel President, Kansas City, Mo.

Jan. 27-29—Missouri Nurserymen's Association, Hotel President, Kansas City, Mo.

Jan. 28—Pennsylvania Nurserymen's Association, Harrisburger Hotel, Harrisburg, Pa.

Jan. 29-30—Ohio Nurserymen's Association, Columbus.

Feb. 10—American Horticultural Society, Washington, D. C.

March 3-5—Canadian Horticultural Council, Chateau Laurier Hotel, Ottawa, Ont., Canada.

Nursery Trade Bulletin

Will R. Ketchum, Arcadia, Ariz., nurseryman, was among those who recently addressed the citrus class at Wesa, Ariz., Union High School on practical horticultural topics.

Otto Griessel, president of **Mountain View Floral Nurseries**, Portland, Ore., and his wife have returned from a seven months' visit at his old home in Fulda, Germany and at European Nurseries.

George C. Roeding, Jr., Niles, Cal., in a recent article cautions planters against planting large-growing conifers in comparatively small city lawns where eventually they will cut off the view from the dwelling house.

Griffing Nurseries, Beaumont, Tex., last month inclosed with the Dec. 1 trade list a telegram blank suggesting a ten word message to the company announcing day and hour of arrival to see the Nurseries, the message to be sent collect at any time in December.

Paul C. Lindley Air Line Director—Upon the occasion of the official opening of the New York-Atlanta passenger and mail airship line, Dec. 10, the 18-passenger Condor plane of the Eastern Air Transport Line, stopping en route at Greensboro, N. C., was boarded by Paul C. Lindley, a director of the line, and Mrs. Lindley, flying to Atlanta.

Broadway, New York City, pedestrian traffic at 43rd St. was blocked for 15 minutes last month by the presentation to the city of an illuminated Christmas tree, the gift of Evelyn W. Smith, president of the **Amawalk Nursery**, Westchester County. It was the occasion of the annual ceremony by the Electrical Association of New York with luncheon in the Astor Hotel ballroom.

Offer Quickly Accepted—Through the Long Island Chamber of Commerce, Lewis & Valentine, Roslyn, N. Y., offered to donate trees or shrubs to the value of \$100 to any garden club or civic organization that would submit a definite plan for use of the stock. The Quogue, N. Y., Improvement Association, acting in cooperation with the Roadside Beauty Council, and with the full approval of the Village Board, was quick to take advantage of the offer.

Frank Brunton and Judd T. Potter have purchased the **H. R. Parker Nursery**, San Gabriel, Cal., which was established by the late Mr. Parker in 1920. Mr. Brunton has traveled extensively in Europe and this country. For five years he was associated with the Dickens Royal Nurseries, Chester, England; for two years he was at Kew Gardens, London; two years at the Roy Botanical Gardens, Edinburgh, Scotland; for two years he was head gardener at Reservoir Park, Boston, Mass., and for three years manager of the Newport Nursery, Newport, R. I. He is a fellow of the Royal Horticultural Society of England; a life member of the Massachusetts Horticultural Society and of the American Horticultural Society.

Land Development Nursery—The development by Normandy Beach Properties, North Miami Beach, Fla., of its present Nursery business and service dates back seven years, when the company decided to establish its own Nursery to meet the then growing demands incident to real estate development. The start was made on a tract near Perrine, Fla., about 25 miles south of Miami. The Nursery, previously known as Tonalla Farms Nursery, had grown until some 25,000 flowering shrubs, palms and other tropical plants were ready for the market. Thousands of these were used in development work in Miami and Miami Beach. The storm of 1926 greatly damaged the Nursery, but several thousand plants were salvaged and in the summer of 1928 the present Nursery was started on the Isle of Normandy.

Everglades Nursery—Extensive cultivation of Nursery products four miles south of Fort Myers, Fla., has been built up during 30 years by James E. Hendry and A. W. Kelley.

Carlton Nurseries, Mount Dora, Fla., have been enlarged by the addition of 100 acres. Citrus stock is the specialty. John Beasley, formerly with Glen Saint Mary Nurseries and the Howie Company, has been engaged as citrus horticulturist.

Record Pecan Tree—The Jennings, La., Nursery had a record pecan tree this year, according to F. Huber, manager, which produced 250 pounds of the Stuart variety, bringing \$65.00 for the tree, the nuts being sold at the wholesale price of 26 cents per pound.

Carl Hinshaw, **Carlton Club Nurseries**, Lake Wales, Fla., has donated stock to the City Park including a General Pershing lily of which a local account says: "The bloom sometimes measures six inches across. This variety retails in Eastern cities at \$60 a dozen."

A rhododendron collection, said to be the finest in the United States, has been presented to the University of California at Berkeley by a group of donors, according to announcement by President R. G. Sproul. The collection contains 10,000 specimens, more than half of which are of special interest.

Cortland Apple—A large Nursery in western New York reports that last year it sold five Cortland trees to each McIntosh tree. New plantings are being set out in many places in the northeastern United States. One grower alone in the Hudson Valley expected to place a thousand barrels of Cortland on the New York City market this year.

Paul C. Lindley, Lindley Nurseries, Pomona, N. C., recently addressed the Concord, N. C., Garden Club on the subject of developing civic beauty. "Make a garden spot out of Concord," he said. "Take time in planning and locating. When shrubs and trees are planted, take care of them, otherwise it is beauty backfiring."

"To further popularize the use of living trees for Christmas instead of the cut spruces and pines from the northern woods, which so soon shed their foliage, Churchill Farms Nursery is giving a live baby tree, growing in a flower pot, to all customers who purchase a living Christmas tree at its store before Christmas," was the announcement by the New Orleans concern.

Chestnut Reforestation—First definite steps in the reforestation of certain open tracts on the Duke university campus have been made by the university in cooperation with state forestry experts, and at the same time an experiment is being made which may go far in making up for losses incurred by chestnut blight. Under the direction of F. H. Claridge, assistant state forester, 1,200 young oriental chestnut trees were planted on open tract in Duke forest near state highway number 741. Seed for these trees was gathered with great care in Korea, China and Japan and first grown for a year at the U. S. Bureau of Plant Industry Nursery near Washington, D. C.

The Marshalls of Arlington, Neb., who operate the Nursery bearing their name, believe in participating in trade associations, says a recent issue of the Omaha Bee. George A. was president of the Nebraska State Horticultural association four times; Chet was secretary and president four years, and Vernon but recently held the presidency. Both George A. and Chet have been presidents of the Western Association of Nurserymen. George has been on the executive board of the American Association of Nurserymen, and both George A. and Chet were on the executive board of the Retail Nurserymen of the United States. Chet was the first president of the Retail Nurserymen's Association of Nebraska.

Lakewood Nursery, Cleveland, Ohio, has been incorporated for \$5000.

The "Buy Now" campaign of the Fort Worth, Tex., Chamber of Commerce last month was joined in by local Nurserymen who arranged "Plant Now" publicity.

Establishment of a forest Nursery near Rhinelander, in northern Wisconsin which, in two years, will produce 10,000,000 young trees annually, is planned for next year, it was disclosed at a meeting of supervisors of national forests in the lake states.

Bay State Nurseries, Inc.—The Nursery interests of Windsor H. Wyman and his sons, Donald D. Wyman and Richard M. Wyman, have been consolidated, the entire assets of the two concerns, land fields of Nursery stock, buildings, greenhouses and other equipment being combined in the Bay State Nurseries, Incorporated, Adams St., North Abington, Mass. Ownership and management will be the same as in the past. Sales offices and show grounds will be maintained at North Abington and at Framingham, Mass., and correspondence may be addressed to either office.

Infested Plants Turned Back—W. L. Gray, Mississippi State plant board inspector, with headquarters at Natchez, reported last month that two carloads of ornamental Nursery stock from another state that were held at Port Gibson and Jackson were being shipped back to the Nursery on account of discovery that many of the plants had nests of Argentine ants in the soil about the roots. Following the discovery of the ants in the Jackson shipment by Inspector O. M. Chance, another shipment from the same Nursery to Port Gibson was immediately inspected by Inspector Gray.

May Need More Apple Trees—Crystal clear cider that can be pasteurized and bottled within 24 hours after pressing the cider is made possible by a new method for clarifying fresh apple juice developed by chemists of the N. Y. Experiment Station, Geneva, and to be demonstrated to the public for the first time at the meeting of the N. Y. Horticultural Society in Rochester, Jan. 14-16. Pasteurized cider treated by this new process is said to be very palatable and to be entirely free from the "cooked" taste that characterizes most pasteurized apple juice.

Alabama Forester's Statement

Says Col. Page E. Bunker, state forester of Alabama: "Over a million seedlings are growing thrifitly in the state forest Nursery. The kinds of planting stock grown in the state forest Nursery are those that are not handled to any material extent by commercial Nurseries. The little trees are furnished in small amounts of five hundred or a thousand to the farmers of the state to demonstrate the feasibility of planting to timber the parts of their holdings that are not suitable for cultivation. These small amounts are furnished free, and if a larger number is desired the farmer may buy them at the cost of growing, packing and shipping."

Rose Development—"When the California Nursery Company issued a catalogue in 1886 it listed 255 varieties of roses," said George C. Roeding, Jr., Niles, Cal., recently. "In checking this catalogue 44 years later we find that among the 150 varieties which we now grow there are only six that were in the list of 1886. These are Papa Gontier, La France, Paul Neyron, Ulrich Brunner, Cecile Brunner and Marechal Niel. In 1915 we listed 225 varieties and of these only 30 are included in our current list."

"In investigating this almost complete turnover in rose varieties we uncover two very important bits of rose history. Prior to 1867 practically all our roses were of two classes, the everblooming Tea roses and the hybrid perpetuums. In 1867 J. B. Guillot, a French rose hybridizer, crossed these two types and produced La France. This was the beginning of a new race of roses, the hybrid teas."

Nurserymen and College Staff In Conference

First Annual Event in Ithaca, N. Y., Pronounced Success—Eighty-five in Attendance, Including Well-known Trade Leaders—Plant Varieties—Identifications—Tests

By Prof. Chester J. Hunn, N. Y. State College Agriculture, Cornell University

THE first annual Nurserymen's Conference held under the auspices of the Department of Floriculture and Ornamental Horticulture at the New York State College of Agriculture, Ithaca, N. Y., Dec. 15-17 was a creditable contribution to the Nursery industry. For several years members of the staff directly concerned with Nursery subjects have been planning on such a meeting as a gesture of appreciation to the Nurserymen of the State of New York. It showed the ability of the department to be an integral part of this great industry in the training of young people for participation in its various phases. It further offered Nurserymen opportunity to inspect facilities of the college and tended to develop confidence in the plant experimental efforts.

In selecting the dates for this meeting, consideration was given to the annual meetings of this state and the nearby states' Nursery organizations. This meeting had to be held at a time when it would interfere least with regular University activities. With the announcement for this meeting being mailed out November 17 and with the Christmas season undoubtedly interfering, the outstanding feature was the attendance. From an invitational list of slightly over 300, it was gratifying that 47 Nurseries sent representatives. A summary compiled from the registration book shows: 31 Nurseries in New York State sent 45 representatives; four in Conn. sent seven; two in Mass. sent four; five in Ohio sent six; four in Pa. sent seven; one in Porto Rico sent one. The forty-seven Nurseries sent 70 representatives.

Then there were 15 guests including landscape architects, gardeners, and others interested in these meetings which made a grand total of 85 in attendance.

Among the Nursery concerns represented were those in the vicinity of Geneva, Dansville, and Newark, N. Y., which sent President Paul Fortmiller, of the New York State

Nurserymen's Association, Spencer Knight, E. Horton Bowden, H. S. Maxwell, J. P. Rice, A. E. Maloney, Charles W. McNair, W. F. Kelly, and others. Other firms with large registration included the Hicks and Hoffman Nurseries. Scattering representatives came from the Chase Nursery and 15 other concerns. The principal guests from out of the state were representatives of the Barnes Bros. Nursery Co., Conn.; the two Wyman firms of Mass.; Berryhill Nursery Co., and Champion from Ohio; and Conard-Pyle, Farr, and LaBar Nurseries in Pa. It is interesting to note that F. M. Pennock, a Cornell graduate in 1877, represented his organization from Porto Rico.

A fine group photograph of those in attendance was a souvenir of the occasion.

The guest speaker, Carl E. Kern of the Wyoming Nurseries near Cincinnati, O., was the outstanding contributor to the success of the meeting. He spoke on "New Plant Varieties" and "Rock Garden Plants." Such lectures will feature these yearly meetings; for it is desirable to recommend to Nurserymen that they slowly supersede the old-fashioned varieties by newer ones of superior qualities. In submitting a list of rock plants Mr. Kern stressed adaptability, ease of propagation, desirable colors, and season of bloom. Herbert Blanche, Ithaca, discussed "Hardy Perennials" dwelling mostly on their use in landscaping.

An interesting event for many Nurserymen was the school on plant materials. Imagine more than 50 Nurserymen studying the identification of trees and shrubs under the instruction of Prof. R. W. Curtis. At the close of this laboratory period a contest was announced for the visiting Nurserymen. The winners were announced at the last session of the conference: Richard M. Wyman, Framingham Nurseries, 100%; Alfred C. Beaujean, Yonkers Nurseries, 90%; Clifford A. Packard, Bay State Nurseries, 90%; M. C. Huppuck, Brookins Nurseries, 90%.

Dean A. R. Mann of the New York State College of Agriculture in his address of welcome told the Nurserymen that the college

was beginning to publish experimental work with plants. This will undoubtedly lead to the clearing up of a number of problems in which Nurserymen are vitally interested.

The surprise feature of the conference was an address by Dr. L. H. Bailey on "Why we (botanists) change the names of plants." Dr. Bailey explained the difference between the Nurserymen's code of plant names and the botanists' strict rules of nomenclature.

In the inspection of the greenhouses and Nursery blocks, the Nurserymen expressed considerable surprise as to the student propagation, the experimental work in progress and the fine collection of plants hardy to Ithaca winters.

The Nurserymen's dinner was replete with the customary speeches by the guest speakers, the faculty and by several of the visiting Nurserymen.

Much of the success of the actual handling of these meetings may be attributed in part to the various student committees working under the supervision of: Edwin Hicks, Registration; George Kern, Dinner; J. M. Batchelor, Guides; E. E. Prytherch, Decorations; Miss Olive Lehde, Ladies' entertainment. Meeting program was announced in Dec. 1 issue, A. N., p. 234.

Obituary

Mrs. Charles J. Maloy

Mrs. Agnes Groves Maloy, wife of Charles J. Maloy, secretary of the New York State Nurserymen's Association, and lifelong resident of Rochester, died Dec. 18 after a short illness. Besides her husband, she leaves four sons, Charles, Thomas F., city forester; William J. and John D., all of Rochester; three daughters, Misses Helen, Mary and Agnes, all of Rochester; five grandchildren; three brothers, George W. Groves of Los Angeles, Thomas H. Groves of Scranton, Pa., and John L. Groves of Rochester, and two sisters, Mrs. Frederick Millring of Buffalo and Mrs. John M. Brody of Pittsburgh.

John G. Hopkins, pioneer Nurseryman, died last month at his home, Takwila, King Co., Wash., aged 73.

The thanks of the community and firemen at Delaware Water Gap, Pa., go out to the LaBar Rhododendron Farms and Nurseries for the donation of a large Christmas tree, which was planted at the hose house.

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1,000	Juniper Pfitz., 18-24", 24-30", 30-36", 36-42".
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5,000	Globe Arborvitae, 15-18", 18-24", 24-30".
3,000	Norway Spruce, 2-3', 3-4', 4-5'.
2,000	Hemlock Spruce, 2, 3, 4 and 5'.
1,000	Magnolia Grandiflora, 3, 4, 5, 6 and 7'.
1,000	Lucidium Privet, 18", 24", 36".
1,000	English Laurel, 18", 24", 36".
200,000	Evergreens, leading varieties, 12" to 4'.
20,000	Amoer River North, 18-24", 24-30".
25,000	California Privet, 18-24", 24-30".
2,000	Lombardy Poplar, 6-8', 8-10', 10-12'.
2,000	Silver Maple, 8-10', 10-12', 12-14'.
1,000	Catalpa Bungei, 5-6', 6-7'.
30,000	Apple, 2 and 3 yr.
50,000	Peach, 2-3', 3-4', 4-5'.
5,000	Cherry, 2 and 3 yr.
10,000	Japan Plum, 2 and 3 yr.
10,000	Pear, Standard, 2 and 3 yr.
2,000	Concord Grapes, 2 and 3 yr.
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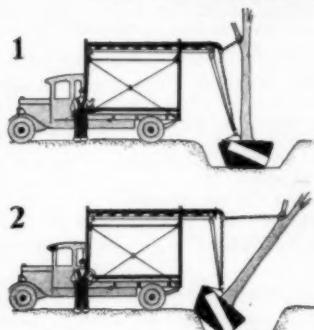
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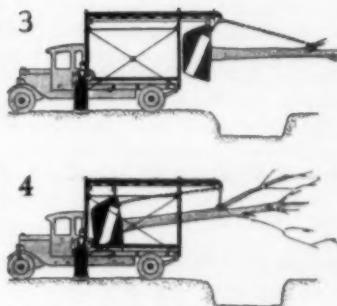


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At Last a List of New Varieties of Plants

For Practical Nursery Propagation for Superseding Old-Fashioned Varieties to the Great Advantage of the Trade—An Outstanding Opportunity

By Carl E. Kern, Wyoming, O., Nurseries Before N. Y. Nurserymen's Conference

A feature of the more than usual interest in connection with the first annual New York State Nurserymen's Conference at Cornell University last month was the presentation by Carl E. Kern, Wyoming, O., Nurseries of a list of new varieties of plants, prepared after long and close study based upon suggestions by the late Ernest H. Wilson, the idea being that it will be greatly to the benefit of Nurserymen to slowly supersede old-fashioned varieties with newer ones of superior quality.

Mr. Kern's discussion of this subject at the annual convention of the Ohio Nurserymen's Association in Columbus last winter was an outstanding feature of that occasion and elicited the greatest interest on the part of all present. Following is his list of new plants and old which it is agreed upon all sides should have the close attention of propagators and determined cooperation of Nurserymen generally in presenting the varieties as soon as available to the planting public. The list is worthy of preservation:

Abelia—longituba, A. Schumannii, small fol. soft rose; Graebneriana, pale pink, yellow at the throat.

Berberis—rust proof species; beaniana, West Szechuan, China; Japonica, Mahonia Jap.; potanini, northwest Szechuan, China; repens, Mahonia, West Coast U. S. A.; Thunbergi, Japan; Thunbergi, atropurpurea; Thunbergi, minor.

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Betula—Maximowiczii, most beautiful of all birches, large fol. yellow trunk.

Ceanothus—hybrids, C. azureus, C. thyrsiflorus; Glore de Versailles, blue; Perle rose, rose.

Callicarpa—Giraldiana, China, harder, purple fruits.

Cercidiphyllum—japonicum; sinense, Wilson, rich autumn color.

Cydonia—Maulei hybrids; pygmaea, Japan.

Cotoneaster—applanata, 6 ft.; Dielsiana, 6 ft. scarlet fr.; divaricata, spreading, 6 ft. bright red fr.; foveolata, spreading br. 8-10 ft. black fr.; Franchetii, upright, red fr.; racemiflora soongarica, showy fruit; Wilsonii.

Deutzia—Lemoine's new hybrids; Constance, cross of D. longifolia purpurea mauve pink; Mont Rose, D. longifolia x D. discolor elegatissima large trusses, mauve pink; Magicien, x D. longifolia, mauve pink edged white.

Diervilla—Feerie, upright trusses, self rose; Ideal, horizontal panicles, carmine rose, carmine; Majestueux, upright, erect fl. rose pink flushed carmine.

Euonymus—planipes, Japan, clusters of bright red fr.

Hydrangea—Sargentiana, Central China, hardy, fine foliage l. trusses violet blue fertile flower white sterile flowers.

Forsythia—ovata, Corea, earliest and hardiest, canary yellow; spectabilis primulina, floriferous, bright yellow.

Exochorda—Alberti macrantha, showiest of all Ex.

Indigofera—pulchella, fine fol. rose pink; Kirilowii, rose.

Neillia—ribesioides, channeled fol. clusters pink fl.; sinensis, serrate leaves, white.

Malus—toringoides, Wilson Crab. white, showiest in fruit, true from seed.

Laburnum—alpinum, harder than L. vulgare; Vossii, large trusses; Watereri, slender golden tr. hardy as alpinum.

Lonicera—Iolrokovii floribunda, Blueleaf honeysuckle; syringantha, Lilac Honey-suckle, pale rosy lilac; Spinosissima Alberti, dwarf, fragrant rose pink.

Philadelphus—Atlas, tall, over 2 1/2" flowers, milk white; Belle Etoile, free flowering, petals m. white purple blotch, showiest and hardiest; Enthchantment, improved Bouquet blanc, thick panicles, double white brachybotrys, China, tall branches covered with large fragrant flowers.

Potentilla—fruticosa, yellow, all summer; Veitchii, white, grey green fol. compact habit.

Photinia—villosa, autumn fol. orange red fruit.

Syringa—Hybr. S. vulgaris x S. Giraldi. Early flowering 8 var.; Lamartine, mauve pink large; Descartes, large panicles mauve pink; Louvois, large single, deep violet purple; Mirabeau, mauve, very early; Vauvan, double, pale mauve pink, free.

Syringa—Henry Lutesee big pan. violet fl. late May., S. villoso x S. Josikas; Sweginzowii superba, Central China, narrow leaves dull green, soft flesh, fragrant June; Wooffi, Corea, Wilson, branched panicles dark lilac flowers peculiar lance-shaped fol. dilitata, very early, deep lilac, bronze fol.; Meyeri, China 1908, low compact shrub, violet flowers blooms even when very small; tomentella, China 1904, pink flowers, red in bud long pendulous panicles.

Viburnum—betulifolium, very ornamental, W. China, red clusters. Bitchiuense, similar to V. Carlesii, more open habit; Carlesii dilatatum, flat topped shrub, scarlet clusters; Wrightii, Japan, early Sept. in fruit, scarlet, 5 ft. tall 5-6 spread, roundish; Fragrans, rivals V. Carlesii, free bloomer; lo-

bophyllum, similar to V. Betulifol. fr. scarlet red; theiferum, very distinct shrub, in fruit the finest of all Chinese V. Erect growth, hor. branches fruit large ovoid hanging clusters, orange red. Sept.-Oct.

Summer Flowering Trees

Sophora—Japonica, introduced France 1747.

Koelreuteria—Panicleata, Varnish Tree, yellow, July-Aug.

Oxydendrum—arboreum.

KANSAS NURSERYMEN'S ASSOCIATION

Susan Dick, Topeka, Secy.

Kansas Nurserymen's Association met in annual session in Topeka last month and elected officers as follows: President, E. P. Bernardin, Parsons; vice-pres., W. S. Griesa, Lawrence; secy., Miss Susan Dick, Topeka. Routine business was transacted by the 30 members present. A joint dinner was served. Most of the members are members of the Western Association of Nurserymen and benefit by the formal program of that organization which meets Jan. 27-29 in Kansas City, Mo.

A Gracious Host

Senator Dwight W. Morrow was entertaining a delegation of several hundred political workers at his home in Englewood one rainy afternoon last fall, says the Philadelphia Record. It was during his campaign against Alec Simpson.

The head gardener of the Morrow estate rushed to his side to whisper that two of the visitors were digging up some small, expensive evergreens and placing them in their automobile. He wanted to know what to do.

Without a second's hesitation, Morrow said: "They came here as my guests. They are welcome to anything I have. Let them have everything they want. We can get more evergreens."

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 Lombardy Poplar, 5-6 to 10-12 ft.
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 Deutzia Pride, 2-3 to 5-6 ft.
 Forsythia Asst., 2-3 to 4-5 ft.
 Tamarix Asst., 2-3 to 5-6 ft.
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Edulis Suerba	20.00	Octavie Demay	25.00
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Eugene Bigot	40.00	Rubra Superba	27.50
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Karl Rosenfield	40.00	Triumph de L. Expo. de Lille	20.00
La Tulipe	20.00	Umbellata Rosa	18.00
Mme. de Verneville	18.00	Red	18.00
Mme. Emile Galle	25.00	White	14.00
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Boxwood**CHINESE ELM—**

Excellent trees of this elm are offered from our blocks for fall and spring shipment in sizes from 3-4 ft. to 10-12 ft. Glad to quote special early season prices on your estimated wants.

Mount Hope Nurseries
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 ADVERTISEMENTS**AMERICAN NURSERYMAN—Semi-Monthly**

1st of Month Issue

First Forms: - 23rd each month

Last Forms: - 25th each month

15th of Month Issue

First Forms: - 8th each month

Last Forms: - 10th each month

If proofs are wanted, copy should be in hand previous to above dates

American Fruits Publishing Company, P. O. Box 124, Rochester, N. Y.

Roadside Tree Stock by State Nursery Wrong

Direct Competition With Commercial Nurserymen—New York State Legislature Passed Measure Year Ago Without Knowledge of Nurserymen—Action Needed

By William Pitkin, President Chase Brothers Co., Rochester, N. Y.

Editor American Nurseryman:

Referring to your request for comment and suggestions on the "Nebraska Plan in Farm Forestry," this seems to be a very good method of solving the problem, if states are to be permitted to do anything in that line. It is probably as fair a compromise as can be made.

So far as New York State is concerned, I am inclined to think that the matter has gone so far that it would be difficult, or impossible to arrange such a compromise; and it has been allowed to go so far, I think, because the propagation of evergreen seedlings has not been as important an item to the Nurserymen of this state as other states.

The idea of the Conservation Commission is to furnish these seedlings for reforestation purposes only, and I think every purchaser signs a contract by which he agrees not to sell or otherwise dispose of the seedlings and trees. We doubt whether this contract is lived up to 100%, for within a few weeks I have had calls from two individuals, asking how they could dispose of certain trees grown from such seedlings, and one party admitted that he knew he had no right to sell them, and I think the second party also understood it.

If the seedlings were used solely for reforestation purposes, it would not be so bad, but I believe that a considerable percentage of them come into the market from time to time, and in competition with the Nurserymen.

The latest New York State plan of a State Nursery to produce shade trees for roadside planting is altogether wrong. This was started in the legislature a year ago and passed both Houses before the Nurserymen knew anything about it. An appropriation was provided and land secured, and some progress has been made.

Certainly energetic efforts should be made

FOR SALE
English Boxwood, 2 ft. and up
Rhododendron Catawbiense and Maximum
Kalmia Latifolia (Mountain Laurel)
Hemlock, Spruce and White Pines
Various sizes. Special prices in car lots.
SIMMONS NURSERY
LONG DALE, VIRGINIA

Ask for Our Price List of
EVERGREENS
Rooted cuttings, once transplanted, twice
transplanted and out of 2½" pots. Chamaecyparis,
Juniperus, Retinospora, Thuya & Camellia
A. PASTOR NURSERY
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SPECIALTIES—Small Fruit Plants
Grape Vines, Currant, Gooseberry, Red
and Black Raspberry suckers and Trans.
Strawberry, Rhubarb, Asparagus
L. J. Rambo's Wholesale Nursery
Bridgman, Michigan

PEACH PITS
OUR PITS COMPARE FAVORABLY
WITH THE BEST
HOGANSVILLE NURSERIES
Hogansville, Georgia

during the coming session of the legislature to do away with that sort of competition.

CHASE BROTHERS COMPANY
Wm. Pitkin, Pres.
Rochester, N. Y.

Further Trade Comment

(Continued from Page 7)
taken by you people and trust that enough others of our worthy brethren become interested and try out this plan, in their various states.

THE PONTIAC NURSERY COMPANY,
B. J. Manahan, Manager
Romeo, Mich.

Editor American Nurseryman:

The State of Illinois has up to the present not done very much in the way of reforestation, but is planning to do considerable. We did not wait until the authorities had plans all made and had started work; but took the matter up several years ago when it was proposed. Although they are planning to grow considerable small stuff to keep some of the inmates of certain institutions busy, they have agreed not to dispose of any of it on their own plantings and to help Nurserymen to dispose of their stock to individuals who wish to engage in reforestation.

A. M. AUGUSTINE
Normal, Ill.

Editor American Nurseryman:

This seems to be an advanced step in the solution of the problems of State Nurseries and we think that the reduced price at which they probably sell these seedlings

MOLINE ELMS
TEN THOUSAND AT BARGAIN
STANDARD PECANS
SATSUMA ORANGES
PERSIMMONS, PEARS,
BLUE BERRIES
ABELIA GRANDIFLORA,
SPIREA VANHOUTTE
CAMELLIA JAPONICA
—Prices Right—
SUMMIT NURSERIES
MONTICELLO, FLA.

"We Ship 'Em Quick"
HARDY SHRUBS, ROSES, PRIVETS, FRUIT
TREES, GRAPE VINES and SHADE TREES,
CUT LEAF WEEPING BIRCH, A SPECIALTY
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PERRY, OHIO

BRISTOL'S TREES
Northern-grown, Hardy Evergreens
Forest and Ornamental Stock,
especially Red Pine
H. R. BRISTOL, Plattsburg, N. Y.

Peach Pits
The Howard-Hickory Co.
HICKORY, N. C.

will be largely overbalanced by the increased sales and also by the stimulation of planting of other varieties not listed by the state department.

HOWELL NURSERIES
Knoxville, Tenn.

Editor American Nurseryman:

We have looked over the Nebraska Plan in Farm Forestry and we would like to see it worked out in this state. We think the plan is a good idea.

TAYLOR BROS. NURSERY, INC.
Greer, S. C. R. B. Raylor

Editor American Nurseryman:

I was very much interested to read your reprint of the article in the December issue of the *American Nurseryman*, in regard to the "Nebraska Plan in Farm Forestry."

This plan strikes me as being as sound as sound can be and in my opinion will be very acceptable to all parties concerned in every state which may adopt a similar plan.

J. LLOYD ABBOT, President
Abbott Nursery Co.
Mobile, Ala.

Canadian Tariff Rates

Following are the tariff rates established Nov. 19, 1930 on importations named, as reported by Canadian authorities:

Fruit Trees—Apple: MacIntosh, Fameuse (Snow), Crab and Dwarf, 30c each; all others, 25c each; pear, cherry, plum, quince and apricot, 35c each; peach, 18c each.

Currant Bushes—7c each; **Gooseberry Bushes**, 10c each; **Grape Vines**, 7c each.

Rose Bushes (excepting Dwarf Polyanthus and Rose Stocks for budding and grafting), 20c each.

IT COSTS LESS THAN 21 CENTS A MONTH TO KEEP IN TOUCH WITH THE TRADE THROUGH A REAL NURSERY TRADE JOURNAL.

ORDER
ORNAMENTAL SHRUBS AND ROSES
For Early Spring Delivery
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INVENTORY BULLETIN
Out in January
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WESTCOTT NURSERY CO.
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EVERGREENS, SHRUBS, TREES
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PLAIN OR PRINTED
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OHIO NURSERY COMPANY
Elyria, Ohio

Perennial and Alpine Plants
A list for Landscape Architects,
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WESTCROFT GARDENS
GROSSE ILE, MICHIGAN



WE ARE NOW READY WITH THE
"Elmhurst" Elm

Grown by us from selected seeds from the Famous Elmhurst Elms collected in the city of Elmhurst. We have over 200,000 now growing.

Prices in 100 lots

6 -8 ft.	\$30.00	1 1/2 -1 1/4	.. \$125.00
8 -10 ft.	50.00	1 1/4 -2	.. 175.00
1 1/4 -1 1/2 in.	75.00	2 -2 1/2	.. 220.00

PFUND-BELL NURSERIES
ELMHURST, ILLINOIS
Grown in the "City of Elms"



CATALOGS

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The L. W. Ramsey Company
Advertising for Nurserymen
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Double Agent's Orders

Conigiskys' true-to-life, hand colored photographs of Shrubs, Perennials, Evergreens and Roses cost little more than old-fashioned lithographs, yet they will more than double your sales. Catalogue FREE.

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211 Hamilton St. PEORIA, ILL.

The AMERICAN NURSERYMAN is highly indorsed individually and collectively by the American Association of Nurserymen and by more than a score of district and state trade associations in the United States and Canada.

LESS THAN FIVE CENTS A WEEK

AMERICAN NURSERYMAN
Chief Exponent of the Nursery Trade



**A BLOCK OF
ORIENTAL
PLANES
AT PRINCETON**

symmetrical,
evenly branched

EVERY TREE SALABLE

Heavy spring buying of shade trees is indicated. It is well to reserve at this time stock you will need. Catalogue on request.

PRINCETON NURSERIES
Princeton, New Jersey

PERFECTION MARKERS
Plant Stakes
Nursery Markers
Row Markers
Plot Markers
Plant Labels

Plant Stake
Card 1 1/4 x 3 in.

All made of galvanized steel. Last for years. Readily changed to make different markings. Card is glass covered. Let us help you mark your stock with certainty and economy.

NO WOOD STAKES
TO PREPARE
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Use Perfection Markers and be absolutely certain! A trial will prove their worth.

Write for descriptive literature and remarkably low prices.

S-W SUPPLY CO. Nursery-Plot-Row-Markers
Girard, Kansas
Card 2 1/2 x 4 1/2 inches

SOUTHERN PLANTS
WHOLESALE PRICES

AZALEAS, INDICA and KURUME
ABELIA GRANDIFLORA
LIGUSTRUM LUCIDUM
CONIFEROUS EVERGREENS
GRAPE MYRTLE ROSES

Wholesale List Mailed on Request

Glen St. Mary Nurseries Co.
Box A, Glen St. Mary, Fla.

SPECIAL
A Loose Leaf
Plate Book

At the Price of a Map

80 COLORED PAGES

Special Sample Price \$2.00

PROCESS COLOR PRINTING CO.
Formerly CHRISTY, INC.
Searle Bldg. ROCHESTER, N. Y.

Seeds of
BLUE SPRUCE
and other Colorado Evergreens

UPTON GARDENS

Colorado Springs, Colo.
(Mrs. G. R. Marriage)

IT COSTS LESS THAN 21 CENTS A MONTH TO KEEP IN TOUCH WITH THE TRADE THROUGH A REAL NURSERY TRADE JOURNAL.

HOWARD BARNES OF NEWTON, IA., KNOWS IT PAYS TO—



**Become a—
LANDSCAPE ARCHITECT**

He writes: "Since taking your course I have bought a small Nursery of my own, and I feel you have helped me a long way on the road to success in the work I have chosen."

Mr. Barnes is just one of a large number of men with previous Nursery experience who have found the "road to success" through our home study course in Landscape Architecture.

**WE PREPARE YOU QUICKLY
AT HOME—BY MAIL**

In less than one year, and without interfering with your present work, we can prepare you to enter this profitable, uncrowded field.

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One of the most complete lists published of EVERGREEN and DECIDUOUS TREES and SHRUBS, SEEDLINGS, CUTTINGS, GRAFTS and TRANSPLANTED STOCK. Write for copy.

Kelsey Nursery Service
50 Church St., New York
Established 1878
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American Bulb Company

Importers and Growers of
Dutch Bulbs, Cannas, Tuberoses, Gladioli,
Hardy Lilies, Manetti, Lily of the Valley,
Sphagnum Moss.

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**NEW CROP
EVERGREEN SEED**

Ready Now—Send for list.
**ROCKY MOUNTAIN
EVERGREEN & NURSERY CO.**
Evergreen, Colorado, U. S. A.

Issued 1st and 15th of each month. The National Journal of Commercial Horticulture. National and international circulation. Reaching every State in the Union. Journal appreciated by upward of 2500 Nursery readers. Subscription: \$2.50 per year; three years for \$6.00. A one-inch advertisement for \$1.40; under yearly term, \$1.25.

LITERATURE

Elements of Plant Science—By Charles Joseph Chamberlain, professor of botany in University of Chicago; Cloth, 8vo., pp. 394 illustrated. A McGraw-Hill Book Company production.

Rochester, N. Y.; American Fruits Pubg. Co., 39 State St.; postpaid \$1.90.

This is an introduction to the study of plants by one with experience in imparting knowledge of principles of plant culture of practical value. It is elemental in character and therefore of particular use in founding in the young knowledge and love of plants as a basis for further study. It could profitably be recommended to many purchasers of Nursery stock, since frequently questions which this moderate-price book will answer are asked. It is a handy reference book, also, for the Nurseryman's library.

Roses—By F. F. Rockwell, author of "The Book of Bulbs," "Iris," etc.; small 8 vo., pp. 88. A Macmillan Company production.

Rochester, N. Y.; American Fruits Pubg. Co., 39 State St.; postpaid \$1.00.

This is one of the Home Garden Handbooks and, as such, is especially adapted for recommendation to planters who seek information on caring for their rose plants. The book is designed to be used right with the rose catalogues and growers' lists. The author recommends readers apply to Nurserymen for information as to varieties for special purposes, since variety choice changes from season to season. There is an introduction by Secretary Robert Pyle, American Rose Society, well-known rose expert. The book's index affords ready reference facilities to the grower.

WESTERN ASSOCIATION OF NURSERYMEN

George W. Holsinger, Rosedale, Kan.

Forty-first annual convention of Western Association of Nurserymen, Jan. 28-29, Hotel President, Kansas City, Mo., President, V. Vernon Marshall, Arlington, Neb.; vice-pres., George L. Welch, Jr., St. Joseph, Mo.; secy.-treas., George W. Holsinger, Kansas City, Kan.

Jan. 27—Noon—Retailers' meeting, Aztec Room.

Jan. 28—1:30 p. m. Call to order by President Marshall. Appointment of door-keeper. Applications for membership. Reading minutes of last meeting. Appointment of committees. Address of president. Annual report of secretary-treasurer.

"Nursery Terms, Credits, etc."—R. M. Gwynn, Shenandoah, Ia.

Trade Conditions. The president will call for a report on trade conditions from members from each state.

"The Future of American Grown Fruit Tree Stocks and the Effects of the Present Embargo on the Industry"—A. F. Lake, Shenandoah, Ia.

Jan. 29—Noon. Luncheon, Aztec Room. 1:30 p. m.—Election of officers.

"Business Today"—W. A. Irwin, Washburn College, Topeka, Kan.

"Further Developments of the National Advertising Campaign"—E. G. Naeckel.

Reports of committees. Introduction of new officers. Appointment of program committee.

Walter Keach, Keach & Woolly, Richmond, Ind., recently advised home owners, through the local press, to keep their evergreens supplied with water the year around and to mulch thoroughly.

CACO GRAPE

Cuttings for immediate delivery, also a few 1 yr. vines, medium light grade.

C. D. WRIGHT

Hamburg, Iowa

Say you saw it in "American Nurseryman."

Buck Fever Conquered

Who would think that George ever got buck fever to look at this picture? Yet he described that most unpleasant sensation experienced by him on his recent trip to Pennsylvania.

George Martin, nationally known per-



Trophy of George Martin, Perry, O.
Stood his ground with this one
Becker-Sage Photo

ennial specialist of South Ridge road, Perry, O., shot this fine ten-point white-tailed buck Dec. 5 in Root Run, northeast of Warren, Pa. The deer weighed 155 pounds dressed. Mr. Martin, accompanied by B. L. Arnold, Madison, O., made the trip by auto.

Mr. Martin says the first deer he saw was a doe and in his excitement he almost shot it. But when the nimble creature stopped and gave him one hurried look before speeding on through the trees, he was so affected that he began to shake all over and nearly dropped his gun.

That experience showed him his weak points; so, when the next one hove into sight, George stood his ground as he would to a buyer of Nursery stock with a \$3,000 order of perennial plants to place. He is so proud of his buck that he had to have a picture taken of it to show his friends.

Editor American Nurseryman:

The South Dakota Nurserymen's Association will meet in Mitchell, S. D., Jan. 8-9 for the annual convention. At that time members will meet with a committee chosen by the Agricultural College and other organizations to try and work out plans and draft a state law to take advantage of the Clark-McNary tree planting bill and to operate on the "Nebraska Plan."

J. B. TAYLOR, Secy.

Ipswich, S. D.

The Real Value—"Beautiful grounds, with trees and shrubs artistically set; lovely flowers adding their graceful charm to the setting, are essential parts of the perfect home beautiful," declared an official of the Pacific Nurseries, San Francisco, last month; "and further," he added, "not only is the home owner compensated in the greater enjoyment to be experienced by living in such surroundings but they also are an asset to the real value of the property." The Pacific Nurseries started serving the public in this field more than sixty years ago.

SPHAGNUM MOSS

FRESH, CLEAN SPHAGNUM MOSS in wired or burlapped bales of standard size and weight. Write for prices. FIELD BROS., Fray, Wis.

MINNESOTA NURSERYMEN'S ASSOCIATION

W. T. Cowperthwaite, St. Paul, Secy.

Minnesota Nurserymen's Association in annual session in St. Paul Dec. 15-16 elected C. N. Ruedlinger, Minneapolis and listened to the address by the retiring president, C. H. Andrews who urged intensive sales rather than price-cutting as an incentive to business extension. Prof. L. E. Longley, State University and Entomologist J. D. Winter discussed propagation methods.

U. S. D. A. Appropriations—In the measure for the fiscal year beginning July 1, 1931 the Bureau of Plant Industry is given a total of \$5,719,000, \$47,000 less than was asked for in the budget but \$193,000 more than the current appropriations. The Bureau of Chemistry and Soils is given \$1,937,000, \$120,000 more than was asked and \$267,000 over current funds; the Bureau of Entomology gets \$2,840,000, \$19,000 less than budget estimates but \$247,000 more than this year's funds; and the Plant Quarantine and Control Administration is given \$3,537,000, \$212,000 below the budget figure but \$89,000 more than this year's funds.

Says the Portland, Ore., Oregonian: "One might be excused for envying the employees of the Mountain View Nursery farm, particularly if one happens to enjoy the fragrance and the beauty of Oregon roses. Year in and year out the 15 to 20 men who are employed on the Mountain View farm, 15 miles east of Portland in the Base Line road, have the satisfaction of working among the greatest collection of roses on the Pacific coast.

The Mountain View farm consists of 135 acres devoted entirely to the culture of the finest varieties of roses. It is the largest of all Oregon rose farms, and the largest on the west coast. Each year more than 150,000 rose bushes are grown and shipped to the wholesale markets throughout the country. Thousands of visitors from all parts of the United States visit the farm each year, particularly during the Portland Rose Festival, to view the entrancing sight of countless bushes blooming against the splendid background afforded by snow-white Mount Hood.

"Visitors find particular interest in a huge carefully cultivated show garden near the highway which contains one or more bushes of each of the 250 varieties grown by the concern. The visitors are informed that the bushes are shipped in refrigerator cars, the majority of the output going to wholesale dealers in Riverton, N. J., headquarters for a number of foremost rose merchants.

"Success of the Mountain View farm is attributed to the non-irrigated soil and to the fact that every bush is budded (grafted). Western Oregon soil and climate, of course, are the primary reasons for the consistently successful culture of roses west of the Cascades."

On a Promissory Note—Judgment totaling \$1017 has been awarded Frank Greco against Elmer Bros., Nursery firm, San Jose, Cal., by Superior Judge F. B. Brown. Greco brought suit to collect money alleged due on a promissory note.

How To Make a Fruit Tree from rootstock and scion will be demonstrated at the 76th annual meeting of the N. Y. Horticultural Society in Rochester this month as part of a large joint exhibit to be made by the N. Y. Experiment Station and the College of Agriculture to show what these two institutions are doing to aid the fruit industry of the state. Nursery stock investigations form an important item in the work of the experiment station. Karl Brase, assistant horticulturist, will show some of the results of the field work under way at Geneva, by means of living material.

GAMBLING

is taking a chance

And half of the time YOU come out the LOSER.

But why GAMBLE with your

FRUIT TREE STOCKS?

THE MONROE NURSERY

ESTABLISHED 1847

with

DR. DAVID FAIRCHILD

in his

New Book

"EXPLORING FOR PLANTS"

An account of a three-year still hunt in Africa, the Canary Islands, Ceylon, Java, and Sumatra after new plants for your table and garden.

Every page gives intimate pictures of the danger that dogs the explorer's footsteps, of native life in far corners of the world, and of many new plants full of promise for American tables, gardens, orchards and fields. **You will be using some of them soon.**

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Wayside Gardens

HARDY PERENNIAL PLANTS EXCLUSIVELY

ORNAMENTALS
IN CARLOAD LOTS

Let us price your short list. We can save you money and we know you will be pleased with our grades and service.

Many items will be short on account of dry weather conditions prevailing the past summer and you can make money on your late fall and spring requirements by ordering now June first payment.